



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/553,085

10/11/2005

Shintaro Okada

09792909-6376

4769

26263 7590 08/13/2009
SONNENSCHN NATH & ROSENTHAL LLP
P.O. BOX 061080
WACKER DRIVE STATION, WILLIS TOWER
CHICAGO, IL 60606-1080

EXAMINER

SHIKHMAN, MAX

ART UNIT

PAPER NUMBER

2624

MAIL DATE

DELIVERY MODE

08/13/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<p align="center">Advisory Action Before the Filing of an Appeal Brief</p>	Application No. 10/553,085	Applicant(s) OKADA ET AL.	
	Examiner MAX SHIKHMAN	Art Unit 2624	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 24 July 2009 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
 b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
 (b) ☐ They raise the issue of new matter (see NOTE below);
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
 5. ☐ Applicant's reply has overcome the following rejection(s): _____.
 6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
 The status of the claim(s) is (or will be) as follows:
 Claim(s) allowed: _____.
 Claim(s) objected to: _____.
 Claim(s) rejected: 1-3,5.
 Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
 12. ☒ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). 05/01/2009
 13. ☒ Other: See Continuation Sheet.

/VIKKRAM BALI/
Supervisory Patent Examiner, Art Unit 2624

MAX SHIKHMAN
Examiner Art Unit: 2624
8.4.2009

Continuation of 11. Applicant's Argument: Tsuchia does not teach averaging by weight the signal of attention and the predetermined neighboring signals, using the level of the signal of attention instead of the level of each of two neighboring signals for which flags are raised, where the two neighboring signals are arranged symmetrically with respect to the signal of attention...

Reply: signal of attention= Tsuchia Formula1 x_n .
 symmetrically= [Nakajima Abstract, "peripheral pixels at point-symmetric positions about the watched pixel o". [0023] [0034] symmetric.]
 flags=Tsuchiya, output of 33. Nakajima, if 12 outputs 0, this is the flag.]

Applicant's Argument:

Nakajima also fails to teach, averaging by weight the signal of attention and the predetermined neighboring signals, using the level of the signal of attention instead of the level of each of two neighboring signals for which flags are raised, where the two neighboring signals are arranged symmetrically with respect to the signal of attention. Nakajima teaches away from the foregoing feature because, rather than "using the level of the signal of attention instead of the level of each of two neighboring signals for which flags are raised", Nakajima simply invalidates (zeros out) certain pixel signals.

Reply: Nakajima raises flags for two neighboring signals.

Tsuchiya uses the signal of attention x_n instead of neighboring signal w_{n-k} . Formula1: when $|x_n - x_{n-k}| > \eta$, $w_{n-k} = x_n$.

signal of attention = Tsuchiya x_n . predetermined threshold value= η . weight=Formula 1: ak .

neighboring signals=Tsuchiya [0032] Formula 1: w_{n-k} .

Please review the Final rejection for Claim 1.

Applicant's Argument: The Office Action asserted that Nakajima discloses neighboring signals arranged symmetrically.

Reply: Nakajima Abstract, "peripheral pixels at point-symmetric positions about the watched pixel o". [0023] [0034] symmetric

Applicant's representative is invited to contact Examiner by phone to sort things out..

Continuation of 13. Other: IDS not considered since it is not certified under 37CFR 1.97E.
 CERTIFICATION STATEMENT is blank.